**Flight Review**

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**Key Vocabulary:**

* **Ailerons**
* **Air pressure**
* **Aircraft**
* **Airfoil**
* **Attitude**
* **Basket**
* **Bernoulli’s Principle**
* **Buoyancy**
* **Control surfaces**
* **Dihedral angle**
* **Drag**
* **Elevator**
* **Envelope**
* **Fuselage**
* **Gliders**
* **Gravity**
* **Lift**
* **Pitch**
* **Rocket**
* **Roll**
* **Rudder**
* **Shroud lines**
* **Stability**
* **Terminal velocity**
* **Thrust**
* **Vacuum**
* **Weight**
* **Yaw**

**Key Questions and Understandings:**

1. **Identify and understand design changes that will improve the effectiveness of a parachute.**
2. **Understand how a parachute works to increase drag and slow down terminal velocity.**
3. **Describe the design of a hot air balloon and how it is able to rise and fall.**
4. **Understand how to modify a glider in order to make it go further, stay up longer, or fly in a desired way.**
5. **Recognize the importance of stability and control in aircraft flight and how control surfaces help maintain stability and control.**
6. **Apply correct vocabulary in referring to control surfaces and the major components of an aircraft.**
7. **Understand how different means of propulsion are used to propel aircraft (plane, space shuttle, and helicopter).**
8. **Understand the differences in design between aircraft and spacecraft and identify reasons for these differences.**